

**Data Set Name:** New York Bight Significant Habitats Series: 35 individual data layers

1 Identification Information

1.1 Citation (Section 8 = Citation Information)

8.1 **Originator:** U.S. Fish and Wildlife Service, Southern New England/New York Bight Coastal Ecosystems Program

8.2 **Publication Date:** 199711

8.4 **Title:** Significant Habitats and Habitat Complexes of the New York Bight

1.2 Description

1.2.1 **Abstract:** This report focuses on the identification and description of essential habitats of key species inhabiting the New York Bight watershed study area.. The study area includes the watersheds and water bodies of eastern New Jersey, the Hudson River north to Troy, and southern Long Island. The mapped areas are divided into a series of 35 significant habitat complexes (34 as polygon data, one as point data), each stored as a separate GIS data layer. This metadata document serves all 35 individual data pieces. These data were designed to be used at a scale of 1:100,000 although many of the original map materials were of a higher resolution.

1.2.2 **Purpose:** These map data were developed as part of the significant habitats report in order to help guide informed and ecologically sound land use decisions and land protection efforts. The information presented provides both a regional view of selected significant natural resources and a partial local view designed to allow the occurrence of some protection planning.

1.3 Time Period of Content

9.3 Range of Dates/Times

9.3.1 **Beginning Date:** 1990

9.3.2 **Ending Date:** 1996

1.3.1 **Currentness Reference:**

1.4 Status

1.4.1 **Progress:** Complete

1.4.2 **Maintenance and Update Frequency:** None planned

1.5 Spatial Domain

1.51 Bounding Coordinates

1.5.1.1 **West Bounding Coordinate:** -75.375

1.5.1.2 **East Bounding Coordinate:** -71.875

1.5.1.3 **North Bounding Coordinate:** 42.75

1.5.1.4 **South Bounding Coordinate:** 38.875

1.6 Keywords

1.6.1.1 **Theme Keyword Thesaurus:** none

1.6.1.2 **Theme Keyword:** Significant habitats

1.6.1.2 **Theme Keyword:** Species of special emphasis

1.6.1.2 **Theme Keyword:** Federal and state trust resources

1.6.1.2 **Theme Keyword:**

1.6.2.1 **PLACE KEYWORD THESAURUS:** none

1.6.2.2 **PLACE KEYWORD:** New York Bight watershed

1.6.2.2 **PLACE KEYWORD:** New York (NY)

1.6.2.2 **PLACE KEYWORD:** New Jersey (NJ)

1.7 **Access Constraints:** none

1.8 **Use Constraints:** The U.S. Fish and Wildlife Service makes no warranty as to the suitability of these data for any use, and assumes no liability for

their inappropriate use or misuse. Acknowledgment of the U.S. Fish and Wildlife Service, Southern New England/New York Bight Coastal Ecosystems Program office, would be extremely appreciated in products derived from these data.

1.9 **Point of Contact:** See metadata section

1.13 **Native Data Set Environment:** Sun Unix ver. OS 4.1.3\_U1, ArcInfo 7.04.

## 2 Data Quality Information

### 2.1 Attribute Accuracy

2.1.1 **ATTRIBUTE ACCURACY REPORT:** Attribute accuracy is considered very good, within the scale limitations of the source material. Attribute accuracy is assessed by a variety of means, including comparison with the source materials, independent expert review, and our own experience.

2.2 **Logical Consistency Report:** Logical consistence is considered excellent. Polygons were closed, slivers eliminated, overshoots and artifacts from processing corrected and label errors were corrected. Plots were compared with hard copy where possible, and any errors detected were corrected. Attribute characteristics and coding are consistent between the 34 individual polygon data sets.

2.3 **Completeness Report:** This data series represents a unique assembly of data and knowledge. It can not be compared to any discrete source material for completeness.

### 2.5 Lineage

#### 2.5.1.1 Source Citation

8.1 **Originator:** U.S. Fish and Wildlife Service, National Wetlands Inventory

8.2 **Publication Date:** Range from Oct. 1981 to present; information for this element varies for each 7.5' quad.

8.4 **Title:** Information for this element varies for each 7.5' quad.

2.5.1.3 **Type of Source Media:** Varies. Data have been received in ArcInfo export format and USGS DLG, on floppy diskette, 8 mm tape, 1/4" tape.

#### 2.5.1.4 Source Time Period of Content

##### 9.3 Range of Dates/Times

9.3.1 **Beginning Date:** 1971

9.3.2 **Ending Date:** 1990

2.5.1.4.1 **Source Currentness Reference:** varies

2.5.1.5 **Source Citation Abbreviation:** not applicable

2.5.1.6 **Source Contribution:** Refer to Process Description (section 2.5.2)

#### 2.5.1.1 Source Citation

8.1 **Originator:** New Jersey Department of Environmental Protection

8.2 **Publication Date:** unpublished material

8.4 **Title:**

2.5.1.3 **Type of Source Media:** 8 mm tape

#### 2.5.1.4 Source Time Period of Content

##### 9.1 Single Date/Time

9.1.1 **Calendar Date:** unknown

2.5.1.4.1 **Source Currentness Reference:** unknown

2.5.1.5 **Source Citation Abbreviation:** not applicable

2.5.1.6 **Source Contribution:** Refer to Process Description (section 2.5.2)

- 2.5.1.1 Source Citation
    - 8.1 **Originator:** New York Department of Environmental Conservation
    - 8.2 **Publication Date:** unpublished material
    - 8.4 **Title:** not applicable
  - 2.5.1.3 **Type of Source Media:** 8 mm tape
  - 2.5.1.4 Source Time Period of Content
    - 9.1 Single Date/Time
      - 9.1.1 **Calendar Date:** varies
  - 2.5.1.4.1 **Source Currentness Reference:** unknown
  - 2.5.1.5 **Source Citation Abbreviation:** not applicable
  - 2.5.1.6 **Source Contribution:** Refer to Process Description (section 2.5.2)
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- 2.5.1.1 Source Citation
    - 8.1 **Originator:** US EPA, Region II, New York City, New York
    - 8.2 **Publication Date:** unpublished material
    - 8.4 **Title:** not applicable
  - 2.5.1.3 **Type of Source Media:** 8mm tape
  - 2.5.1.4 Source Time Period of Content
    - 9.1 Single Date/Time
      - 9.1.1 **Calendar Date:** varies
  - 2.5.1.4.1 **Source Currentness Reference:** unknown
  - 2.5.1.5 **Source Citation Abbreviation:** not applicable
  - 2.5.1.6 **Source Contribution:** Refer to Process Description (section 2.5.2)
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- 2.5.1.1 Source Citation
    - 8.1 **Originator:** US Geological Survey
    - 8.2 **Publication Date:** published material from various dates
    - 8.4 **Title:** various materials referred to as Digital Line Graphs (DLGs)
  - 2.5.1.3 **Type of Source Media:** 8 mm tape
  - 2.5.1.4 Source Time Period of Content
    - 9.1 Single Date/Time
      - 9.1.1 **Calendar Date:** varies
  - 2.5.1.4.1 **Source Currentness Reference:** unknown
  - 2.5.1.5 **Source Citation Abbreviation:** not applicable
  - 2.5.1.6 **Source Contribution:** Refer to Process Description (section 2.5.2)
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- 2.5.1.1 Source Citation
    - 8.1 **Originator:** The Nature Conservancy
    - 8.2 **Publication Date:** unpublished material
    - 8.4 **Title:**
  - 2.5.1.3 **Type of Source Media:**
  - 2.5.1.4 Source Time Period of Content
    - 9.1 Single Date/Time
      - 9.1.1 **Calendar Date:** varies
  - 2.5.1.4.1 **Source Currentness Reference:** unknown
  - 2.5.1.5 **Source Citation Abbreviation:** not applicable
  - 2.5.1.6 **Source Contribution:** Refer to Process Description (section 2.5.2)

2.5.2.1 **PROCESS DESCRIPTION:** These 35 data sets are the result of assembling many collections of map information at scales ranging from 1:20,000 to 1:250,000 including modern digital GIS data and historical paper maps, varying from peer-review published to anecdotal. Map information was provided by dozens of federal, state, county agencies, non-profit organizations, and private

individuals. For a complete list see the acknowledgments section of the complete report. Most digital material was obtained or generated at scales of 1:100,000 or 1:24,000 and all of the resulting linework was reviewed at a minimum scale of 1:100,000 scale using overlay material to USGS published maps.

2.5.2.3 **Process Date:** 199612

### 3 Spatial Data Organization Information

3.2 **DIRECT SPATIAL REFERENCE METHOD:** vector

### 4 Spatial Reference Information

4.1 Horizontal Coordinate System Definition

4.1.2 Planar

4.1.2.2 Grid Coordinate System

4.1.2.2.1 **Grid Coordinate System Name:** Universal Transverse Mercator

4.1.2.2.2 Universal Transverse Mercator (UTM)

4.1.2.2.2.1 **UTM Zone Number:** 18

4.1.2.4 Planar Coordinate Information

4.1.2.4.4 Planar Distance Units: meters

4.1.4 Geodetic Model

4.1.4.1 **Horizontal Datum Name:** NAD27

4.1.4.2 **Ellipsoid Name:** Clarke 1866

### 5 Entity and Attribute Information

#### 5.2 OVERVIEW DESCRIPTION

5.2.1 **Entity and Attribute Overview:** The 34 polygon data sets have four user added polygon attributes:

Unit\_name- the name of the significant habitat data layer, uniformly the same within a layer;

Subunit- Y, for Yes, if the polygon is an important focus area within the larger habitat;

Sub\_name- a text name for some of the habitat areas, otherwise a unique number;

Feature- a general feature type of the landscape: WATER, URBAN, MAINLAND, ISLAND, EXCLUSION, BARRIERBCH.

The 34 polygon data sets have one user added line attribute:

Feature- a general descriptor of the feature defined by the line: HYDRO, DUMMY, or is left blank for all other line features.

The one point data set (li\_grass) has two user added attributes:

Unit\_name- the name of the significant habitat data layer, uniformly the same within the layer;

Sub\_name- a text name for some of the habitat areas, otherwise a unique number;

5.2.2 **Entity and Attribute Detail Citation:** not available

### 7 Metadata Reference Information

7.1 **Metadata Date:** 19971015

7.4 **Metadata Contact**

10.2 Contact Organization Primary

10.2.1 **Contact Organization:** U.S. Fish and Wildlife Service, Southern New England/New York Bight Coastal Ecosystem Program

10.4 Contact Address

10.4.1 **Address Type:** mailing address

10.4.2 **Address:** PO Box 307

10.4.3 **City:** Charlestown

10.4.4 **State or Province:** RI

10.4.5 **Postal Code:** 02813

10.5 **Contact Voice Telephone:** (401) 364-9124

7.5 **Metadata Standard Name:** FGDC Content Standards for Digital Geospatial  
Metadata

7.6 **Metadata Standard Version:** 19940608